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(54) Title: PHARMACEUTICAL COMPOSITIONS WITH IMPROVED DISSOLUTION

(57) Abstract: The invention relates to methods of screening mixtures containing a pharmaceutical compound and an excipient to identify properties of the pharmaceutical compound/excipient combination that retard solid-state nucleation. The invention further relates to increasing the solubility, dissolution and bioavailability of a drug with low solubility in gastric fluids conditions by combining the drug with a precipitation retardant and an optional enhancer.

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